

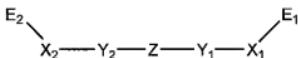
AMENDMENTS TO THE SPECIFICATION

In the Specification

Page 3, line 19- page 4, line 8

In a first aspect, an organophotoreceptor comprises an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:

(a) a charge transport material having the formula



where Y₁ and Y₂ comprise, each independently, a carbazolyl group;

X₁ and X₂, each independently, are a bridging group, such as a -(CH₂)_m- group, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups is optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, an amide group, an NR₃ group, [[a CR₄,]] or a CR₅R₆ group where R₃, [[R₄,]] R₅, and R₆ are, independently, H, hydroxyl, thiol, carboxyl, an amino group, an alkyl group, an alkenyl group, a heterocyclic group, an aromatic group, or part of a ring;

E₁ and E₂ comprise, each independently, an epoxy group; and

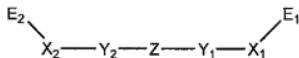
Z is a linking group comprising a bond, a -(CR₅=CR₆-)_n- group, a -CR₇=N- group, or an aromatic group, where R₅, R₆, and R₇ are, each independently, H, an alkyl group, an alkenyl group, a heterocyclic group, or an aromatic group, and n is an integer between 1 and 10, inclusive; and

(b) a charge generating compound.

Page 4, line 28-page 5, line 17

In a fourth aspect, the invention features a charge transport material having the general formula above.

In a fifth aspect, the invention features a polymeric charge transport compound prepared by the reaction of a functional group in a polymeric binder with at least an epoxy group in a compound having the formula



where Y_1 and Y_2 comprise, each independently, a carbazolyl group;

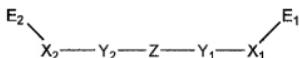
X_1 and X_2 , each independently, are a bridging group, such as a $-(CH_2)_m-$ group, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups is optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, an amide group, an NR_3 group, [[a CR_4 ,]] or a CR_5R_6 group where R_3 , [[R_4 ,]] R_5 , and R_6 are, independently, H, hydroxyl, thiol, carboxyl, an amino group, an alkyl group, an alkenyl group, a heterocyclic group, an aromatic group, or part of a ring;

E_1 and E_2 comprise, each independently, an epoxy group; and

Z is a linking group comprising a bond, a $-(CR_5=CR_6)_n-$ group, a $-CR_7=N-$ group, or an aromatic group, where R_5 , R_6 , and R_7 are, each independently, H, an alkyl group, an alkenyl group, a heterocyclic group, or an aromatic group, and n is an integer between 1 and 10, inclusive.

Page 10, lines 6-21

As described herein, an organophotoreceptor comprises a charge transport material having the formula



where Y_1 and Y_2 comprise, each independently, a carbazolyl group;

X_1 and X_2 , each independently, are a bridging group, such as a $-(CH_2)_m-$ group, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups is optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, an amide group, an NR_3 group, [[a CR_4 ,]] or a CR_5R_6 group where R_3 , [[R_4 ,]] R_5 , and R_6 are, independently, H, hydroxyl, thiol, carboxyl, an amino group, an alkyl group, an alkenyl group, a heterocyclic group, an aromatic group, or part of a ring;

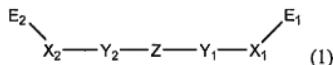
E_1 and E_2 comprise, each independently, an epoxy group; and

Z is a linking group comprising a bond, a $-(CR_5=CR_6)_n-$ group, a $CR_7=N$ group, or an aromatic group, where R_5 , R_6 , and R_7 are, each independently, H, an alkyl group, an alkenyl group, a heterocyclic group, or an aromatic group, and n is an integer between 1 and 10, inclusive.

E_1 and E_2 each can be, independently, an oxiranyl ring.

Page 23, line 20- page 24, line 5

As described herein, an organophotoreceptor comprises a charge transport material having the formula



where Y_1 and Y_2 comprise, each independently, a carbazolyl group;

X_1 and X_2 , each independently, are a bridging group, such as a $-(CH_2)_m-$ group, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups is optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, an amide group, an NR_3 group, $[[CR_4_4]]$ or a CR_3R_6 group where R_3 , $[[R_4_4]]$, R_5 , and R_6 are, independently, H, hydroxyl, thiol, carboxyl, an amino group, an alkyl group, an alkenyl group, a heterocyclic group, an aromatic group, or part of a ring;

E_1 and E_2 comprise, each independently, an epoxy group; and

Z is a linking group comprising a bond, a $-(CR_5=CR_6)_n-$ group, a $CR_7=N$ group, or an aromatic group, where R_5 , R_6 , and R_7 are, each independently, H, an alkyl group, an alkenyl group, a heterocyclic group, or an aromatic group, and n is an integer between 1 and 10, inclusive.

E_1 and E_2 each can be, independently, an oxiranyl ring.